

Middle element in the linked list

Given a singly linked list, find the middle element of the linked list. If the size of linked list is even the print average of the two middle elements

Input Format

First line contain size of linked list 'n'. Next line contains n integers present in the linked list.

Constraints

$1 \leq n \leq 100$

Output Format

A single integer representing the middle of the linked list.

Sample Input 0

```
5
2 4 5 3 4
```

Sample Output 0

```
5
```

Sample Input 1

```
7
1 1 1 1 1 1 1
```

Sample Output 1

```
1
```